

3081.109-US-01.txt
SEQUENCE LISTING

<110> SIRS-Lab GmbH

<120> Method of Enriching Procaryotic DNA

<130> 3081.109-US-01

<160> 9

<170> PatentIn version 3.3

<210> 1

<211> 2444

<212> DNA

<213> Homo sapiens

<400> 1
agatggcggc gcctgagggg tcttgggggc tctaggccgg ccacctactg gtttgcagcg 60
gagacgacgc atggggcctg cgcaatagga gtacgctgcc tgggaggcgt gactagaagc 120
ggaagtagtt gtgggcgcct ttgcaaccgc ctgggacgcc gccgagtggg ctgtgcaggt 180
tcgcgggtcg ctggcggggg tcgtgagggg gtgcgccggg agcggagata tggagggaga 240
tggttcagac ccagagcctc cagatgccgg ggaggacagc aagtccgaga atggggagaa 300
tgcgcccac tactgcatct gccgcaaacc ggacatcaac tgcttcatga tcgggtgtga 360
caactgcaat gagtggttcc atggggactg catccggatc actgagaaga tggccaaggc 420
catccgggag tggtactgtc gggagtgtag agagaaagac cccaagctag agattcgcta 480
tcggcacaag aagtcacggg agcgggatgg caatgagcgg gacagcagtg agccccggga 540
tgagggtgga gggcgcaaga ggcctgtccc tgatccaaac ctgcagcgcc gggcagggtc 600
agggacaggg gttggggcca tgcttgctcg gggctctgct tcgccccaca aatcctctcc 660
gcagcccttg gtggccacac ccagccagca tcaccagcag cagcagcagc agatcaaacg 720
gtcagcccg atgtgtggtg agtgtgaggc atgtcggcgc actgaggact gtggtcactg 780
tgatttctgt cgggacatga agaagtccgg gggccccaac aagatccggc agaagtgccg 840
gctgcgccag tgccagctgc gggccccggga atcgtaaac tacttccctt cctcgctctc 900
accagtgacg ccctcagagt ccctgccaag gccccgccgg cactgcccc cccaacagca 960
gccacagcca tcacagaagt tagggcgcat ccgtgaagat gagggggcag tggcgtcatc 1020
aacagtcaag gagcctcctg aggctacagc cacacctgag ccactctcag atgaggacct 1080
acctctggat cctgacctgt atcaggactt ctgtgcaggg gcctttgatg acaatggcct 1140
gccctggatg agcgacacag aagagtcccc attcctggac cccgcgctgc ggaagagggc 1200
agtgaaagtg aagcatgtga agcgtcggga gaagaagtct gagaagaaga aggaggagcg 1260
atacaagcgg catcggcaga agcagaagca caaggataaa tggaaacacc cagagagggc 1320
tgatgccaag gaccctgcgt cactgcccc gtgcctgggg cccggctgtg tgcgccccgc 1380
ccagcccagc tccaagtatt gtcagatga ctgtggcatg aagctggcag ccaaccgcat 1440
ctacgagatc ctccccagc gcatccagca gtggcagcag agcccttgca ttgctgaaga 1500

3081.109-US-01.txt

gcacggcaag aagctgctcg aacgcattcg ccgagagcag cagagtgtccc gcacccgcct 1560
tcaggaaatg gaacgccgat tccatgagct tgaggccatc attctacgtg ccaagcagca 1620
ggctgtgcgc gaggatgagg agagcaacga gggtagacagt gatgacacag acctgcagat 1680
cttctgtgtt tcctgtgggc accccatcaa cccacgtgtt gccttgcgcc acatggagcg 1740
ctgctacgcc aagtatgaga gccagacgtc ctttggtgcc atgtaccca cacgcattga 1800
agggggcaca cgactcttct gtgatgtgta taatcctcag agcaaaacat actgtaagcg 1860
gctccaggtg ctgtgccccg agcactcacg ggaccccaaa gtgccagctg acgaggtatg 1920
cgggtgcccc cttgtacgtg atgtctttga gctcacgggt gacttctgcc gcctgcccac 1980
gcgccagtgc aatcgccatt actgctggga gaagctgcgg cgtgcggaag tggacttgga 2040
gcgcgtgcgt gtgtggtaca agctggacga gctgtttgag caggagcgca atgtgcgcac 2100
agccatgaca aaccgcgcgg gattgctggc cctgatgctg caccagacga tccagcacga 2160
tcccctcact accgacctgc gctccagtgc cgaccgtga gcctcctggc ccggaccct 2220
taaaccctgc attccagatg ggggagccgc ccggtgcccc tgtgtccgtt cctccactca 2280
tctgtttctc cggttctccc tgtgcccac caccggttga ccgcccacat gcctttatca 2340
gagggactgt ccccgctcac atgttcagt cctggtgggg ctgcggagtc cactcatcct 2400
tgccctctct ccctgggttt tgttaataaa attttgaaga aacc 2444

<210> 2
<211> 2444
<212> DNA
<213> Homo sapiens

<400> 2
agatggcggc gcctgagggg tcttgggggc tctaggccgg ccacctactg gtttgcagcg 60
gagacgacgc atggggcctg cgcaatagga gtacgctgcc tgggagcggt gactagaagc 120
ggaagtagtt gtgggcgcct ttgcaaccgc ctgggacgcc gccgagtggg ctgtgcaggt 180
tcgcgggtcg ctggcggggg tcgtgagggg gtgcgccggg agcggagata tggagggaga 240
tggttcagac ccagagcctc cagatgccgg ggaggacagc aagtccgaga atggggagaa 300
tgcgcccac tactgcatct gccgcaaacc ggacatcaac tgcttcatga tcgggtgtga 360
caactgcaat gagtggttcc atggggactg catccggatc actgagaaga tggccaaggc 420
catccgggag tggtactgtc gggagtgcag agagaaagac cccaagctag agattcgcta 480
tcggcacaag aagtcacggg agcgggatgg caatgagcgg gacagcagtg agccccggga 540
tgaggggtgga gggcgcaaga ggctgtccc tgatccagac ctgcagcgcc gggcagggtc 600
agggacaggg gttggggcca tgcttgctcg gggctctgct tcgccccaca aatcctctcc 660
gcagcccttg gtggccacac ccagccagca tcaccagcag cagcagcagc agatcaaacg 720
gtcagcccgc atgtgtggtg agtgtgaggc atgtcggcgc actgaggact gtggtcactg 780
tgatttctgt cgggacatga agaagtccgg gggccccaac aagatccggc agaagtgccg 840
gctgcgccag tgccagctgc gggcccggga atcgtaaca tacttccctt cctcgctctc 900

3081.109-US-01.txt

```

accagtgacg ccctcagagt ccctgccaag gccccgccgg ccactgcca cccaacagca 960
gccacagcca tcacagaagt tagggcgcat ccgtgaagat gagggggcag tggcgtcatc 1020
aacagtcaag gagcctcctg aggctacagc cacacctgag ccactctcag atgaggacct 1080
acctctggat cctgacctgt atcaggactt ctgtgcaggg gcctttgatg accatggcct 1140
gccctggatg agcgacacag aagagtcccc attcctggac cccgcgctgc ggaagagggc 1200
agtgaaagtg aagcatgtga agcgtcggga gaagaagtct gagaagaaga aggaggagcg 1260
atacaagcgg catcggcaga agcagaagca caaggataaa tggaaacacc cagagagggc 1320
tgatgccaa gaccctgcgt cactgcccc gtgcctgggg cccggctgtg tgcgccccgc 1380
ccagcccagc tccaagtatt gctcagatga ctgtggcatg aagctggcag ccaaccgcat 1440
ctacgagatc ctccccagc gcatccagca gtggcagcag agcccttgca ttgctgaaga 1500
gcacggcaag aagctgctcg aacgcattcg ccgagagcag cagagtgcc gcactcgcct 1560
tcaggaaatg gaacgccgat tccatgagct tgaggccatc attctacgtg ccaagcagca 1620
ggctgtgctg gaggatgagg agagcaacga gggtgacagt gatgacacag acctgcagat 1680
cttctgtgtt tcctgtgggc accccatcaa cccacgtgtt gccttgccgc acatggagcg 1740
ctgctacgcc aagtatgaga gccagacgtc ctttgggtcc atgtaccca cacgcattga 1800
agggggccaca cgactcttct gtgatgtgta taatcctcag agcaaaacat actgtaagcg 1860
gctccagggtg ctgtgcccc agcactcacg ggaccccaaa gtgccagctg acgaggtatg 1920
cgggtgcccc cttgtacgtg atgtctttga gctcacgggt gacttctgcc gcctgccccaa 1980
gcgccagtgc aatcgccatt actgctggga gaagctgcgg cgtgcggaag tggacttgga 2040
gcgcgtgctg gtgtggtaca agctggacga gctgtttgag caggagcgca atgtgcgcac 2100
agccatgaca aaccgcgcgg gattgctggc cctgatgctg caccagacga tccagcacga 2160
tcccctcact accgacctgc gctccagtgc cgaccgtga gcctcctggc ccggaccctt 2220
tacacctgc attccagatg ggggagccgc ccggtgccc tgtgtccgtt cctccactca 2280
tctgtttctc cggttctccc tgtgcccac caccggttga ccgccatct gcctttatca 2340
gagggactgt ccccgctcac atgttcagt cctgggtggg ctgcggagtc cactcatcct 2400
tgctcctct ccctgggttt tgttaataaa attttgaaga aacc 2444

```

```

<210> 3
<211> 3257
<212> DNA
<213> Homo sapiens

```

```

<400> 3
ccgctgctgc ccctgtggga agggacctcg agtgtgaagc atccttccct gtagctgctg 60
tccagtctgc ccgccagacc ctctggagaa gcccctgccc ccagcatgg gtttctgccg 120
cagcgccctg caccgctgt ctctcctggg gcaggccatc atgctggcca tgacctggc 180
cctgggtacc ttgcctgcct tcctaccctg tgagctccag cccacggcc tggatgaactg 240

```

3081.109-US-01.txt

caactggctg ttcctgaagt ctgtgcccc	cttctccatg gcagcacccc gtggcaatgt	300
caccagcctt tccttgtcct ccaaccgcat	ccaccacctc catgattctg actttgcccc	360
cctgcccagc ctgcggcac tcaacctcaa	gtggaactgc ccgccggttg gcctcagccc	420
catgcacttc ccctgccaca tgaccatcga	gccagcacc ttcttggttg tgcccaccct	480
ggaagagcta aacctgagct acaacaacat	catgactgtg cctgcgctgc ccaaatccct	540
catatccctg tccctcagcc ataccaacat	cctgatgcta gactctgcca gcctcgccgg	600
cctgcatgcc ctgcgcttcc tattcatgga	cggcaactgt tattacaaga acccctgcag	660
gcaggcactg gaggtggccc cgggtgccct	ccttggcctg ggcaacctca cccacctgtc	720
actcaagtac aacaacctca ctgtggtgcc	ccgcaacctg ccttccagcc tggagtatct	780
gctgttgtcc tacaaccgca tcgtcaaact	ggcgccctgag gacctggcca atctgaccgc	840
cctgcgtgtg ctcgatgtgg gcggaaattg	ccgccgctgc gaccacgctc ccaaccctg	900
catggagtgc cctcgtcact tccccagct	acatcccgat accttcagcc acctgagccg	960
tcttgaaggc ctggtgttga aggacagttc	tctctcctgg ctgaatgcca gttggttccg	1020
tgggctggga aacctccgag tgctggacct	gagtgagaac ttctctaca aatgcatcac	1080
taaaaccaag gccttccagg gcctaacaca	gctgcgcaag cttaacctgt ctttcaatta	1140
ccaaaagagg gtgtcctttg cccacctgtc	tctggcccct tccttcggga gcctggtcgc	1200
cctgaaggag ctggacatgc acggcatctt	cttccgctca ctcgatgaga ccacgctccg	1260
gccactggcc cgcctgcccc tgctccagac	tctgcgtctg cagatgaact tcatcaacca	1320
ggcccagctc ggcatcttca gggccttccc	tggcctgcgc tacgtggacc tgtcggacaa	1380
ccgcatcagc ggagcttcgg agctgacagc	caccatgggg gaggcagatg gaggggagaa	1440
ggtctggctg cagcctgggg accttgctcc	ggccccagtg gacactccca gctctgaaga	1500
cttcaggccc aactgcagca ccctcaactt	caccttggat ctgtcacgga acaacctggt	1560
gacctgtcag ccggagatgt ttgcccagct	ctcgcacctg cagtgcctgc gcctgagcca	1620
caactgcatc tcgcaggcag tcaatggctc	ccagttcctg ccgctgaccg gtctgcaggt	1680
gctagacctg tcccacaata agctggacct	ctaccacgag cactcattca cggagctacc	1740
acgactggag gccctggacc tcagctacaa	cagccagccc tttggcatgc agggcgtggg	1800
ccacaacttc agcttcgtgg ctcacctgcg	caccctgcgc cacctcagcc tggcccacaa	1860
caacatccac agccaagtgt cccagcagct	ctgcagtacg tcgctgcggg ccctggactt	1920
cagcggcaat gcaactggcc atatgtgggc	cgaggagagac ctctatctgc acttcttcca	1980
aggcctgagc ggtttgatct ggctggactt	gtcccagaac cgccctgcaca ccctcctgcc	2040
ccaaaccctg cgcaacctcc ccaagagcct	acaggtgctg cgtctccgtg acaattacct	2100
ggccttcttt aagtgggtga gcctccaçtt	cctgcccaaa ctggaagtcc tcgacctggc	2160
aggaaaccag ctgaaggccc tgaccaatgg	cagcctgcct gctggcaccg ggctccggag	2220
gctggatgtc agctgcaaca gcatcagctt	cgtggccccc ggcttctttt ccaaggccaa	2280

3081.109-US-01.txt

ggagctgcga gagctcaacc ttagcgccaa cgccctcaag acagtggacc actcctgggt 2340
 tgggcccctg gcgagtgtccc tgcaaatact agatgtaagc gccaaccctc tgcaactgcgc 2400
 ctgtggggcg gcctttatgg acttcctgct ggaggtgcag gctgccgtgc ccggtctgcc 2460
 cagccgggtg aagtgtggca gtccggggcca gctccagggc ctcagcatct ttgcacagga 2520
 cctgcgcctc tgcctggatg aggccctctc ctgggactgt ttcgccctct cgctgctggc 2580
 tgtggctctg ggcctgggtg tgcccatgct gcatcacctc tgtggctggg acctctggta 2640
 ctgcttcac ctgtgcctgg cctggcttcc ctggcggggg cggcaaagtg ggcgagatga 2700
 ggatgccctg ccctacgatg ccttcgtggg cttcgacaaa acgcagagcg cagtggcaga 2760
 ctgggtgtac aacgagcttc gggggcagct ggaggagtgc cgtgggcgct gggcactccg 2820
 cctgtgcctg gaggaacgcg actggctgcc tggcaaaacc ctctttgaga acctgtgggc 2880
 ctcggtctat ggcagccgca agacgtgtt tgtgtgtggc cacacggacc gggtcagtgg 2940
 tctcttgccg gccagcttcc tgctggcca gcagcgcctg ctggaggacc gcaaggacgt 3000
 cgtggtgctg gtgatcctga gccctgacgg ccgccgctcc cgctacgtgc ggctgcgcca 3060
 gcgcctctgc cgccagagtg tcctcctctg gccccaccag cccagtggtc agcgcagctt 3120
 ctggggccag ctgggcatgg ccctgaccag ggacaaccac cacttctata accggaactt 3180
 ctgccaggga cccacggccg aatagccgtg agccggaatc ctgcacggtg ccacctccac 3240
 actcacctca cctctgc 3257

<210> 4
 <211> 3110
 <212> DNA
 <213> Homo sapiens

<400> 4
 tggatgaactg caactggctg ttcctgaagt ctgtgccccca cttctccatg gcagcacc 60
 gtggcaatgt caccagcctt tccttgctc ccaaccgcat ccaccacctc catgattctg 120
 actttgcccc cctgcccagc ctgcggcac tcaacctcaa gtggaactgc ccgccgggtg 180
 gcctcagccc catgcacttc ccctgccaca tgaccatcga gccagcacc ttcttggtg 240
 tgccccacct ggaagagcta aacctgagct acaacaacat catgactgtg cctgcgctgc 300
 ccaaatccct catatccctg tccctcagcc ataccaacat cctgatgcta gactctgcca 360
 gcctcgccgg cctgcatgcc ctgcgcttcc tattcatgga cggcaactgt tattacaaga 420
 acccctgcag gcaggcactg gaggtggccc cgggtgccct ccttggcctg ggcaacctca 480
 cccacctgtc actcaagtac aacaacctca ctgtggtgcc ccgcaacctg ccttcagacc 540
 tggagtatct gctgttgtcc tacaaccgca tcgtcaaact ggcgcctgag gacctggcca 600
 atctgaccgc cctgcgtgtg ctcgatgtgg gcggaaattg ccgccgctgc gaccacgctc 660
 ccaaccctg catggagtgc cctcgtcact tccccagct acatcccgat accttcagcc 720
 acctgagccg tcttgaaggc ctggtgttga aggacagttc tctctcctgg ctgaatgcc 780
 gttggttccg tgggctggga aacctccgag tgctggacct gagtgagaac ttcctctaca 840

3081.109-US-01.txt

aatgcatcac	taaaaccaag	gccttccagg	gcctaacaca	gctgcgcaag	cttaacctgt	900
ccttcaatta	ccaaaagagg	gtgtcctttg	cccacctgtc	tctggcccct	tccttcggga	960
gcctggctgc	cctgaaggag	ctggacatgc	acggcatctt	cttccgctca	ctcgatgaga	1020
ccacgctccg	gccactggcc	cgcctgcca	tgctccagac	tctgctctg	cagatgaact	1080
tcatcaacca	ggcccagctc	ggcatcttca	gggccttccc	tggcctgctg	tacgtggacc	1140
tgctcgacaa	ccgcatcagc	ggagcttcgg	agctgacagc	caccatgggg	gaggcagatg	1200
gaggggagaa	ggtctggctg	cagcctgggg	accttgctcc	ggccccagtg	gacactccca	1260
gctctgaaga	cttcaggccc	aactgcagca	ccctcaactt	caccttgga	ctgtcacgga	1320
acaacctggt	gaccgtgcag	ccggagatgt	ttgcccagct	ctcgacactg	cagtgcctgc	1380
gcctgagcca	caactgcatc	tcgcaggcag	tcaatggctc	ccagttcctg	ccgctgaccg	1440
gtctgcaggt	gctagacctg	tcccacaata	agctggacct	ctaccacgag	cactcattca	1500
cggagctacc	acgactggag	gccctggacc	tcagctacaa	cagccagccc	tttggcatgc	1560
agggcgctgg	ccacaacttc	agcttcgtgg	ctcacctgct	caccctgctg	cacctcagcc	1620
tggcccacaa	caacatccac	agccaagtgt	cccagcagct	ctgcagtacg	tcgctgcggg	1680
ccctggactt	cagcggcaat	gcactggggc	atatgtgggc	cgaggagagac	ctctatctgc	1740
acttcttcca	aggcctgagc	ggtttgatct	ggctggactt	gtcccagaac	cgctgcaca	1800
ccctcctgcc	caaaccctg	cgcaacctcc	ccaagagcct	acaggtgctg	cgtctccgtg	1860
acaattacct	ggccttcttt	aagtgggtga	gcctccactt	cctgccccaa	ctggaagtcc	1920
tcgacctggc	aggaaaccag	ctgaaggccc	tgaccaatgg	cagcctgcct	gctggcacc	1980
ggctccggag	gctggatgtc	agctgcaaca	gcatcagctt	cgtggcccc	ggcttctttt	2040
ccaaggccaa	ggagctgcga	gagctcaacc	ttagcgccaa	cgccctcaag	acagtggacc	2100
actcctggtt	tgggcccctg	gcgagtgc	tgcaataact	agatgtaagc	gccaaccctc	2160
tgactgctgc	ctgtggggcg	gcctttatgg	acttctgct	ggaggtgcag	gctgccgtgc	2220
ccggtctgcc	cagccgggtg	aagtgtggca	gtccgggcca	gctccagggc	ctcagcatct	2280
ttgcacagga	cctgctgctc	tgctggatg	aggccctctc	ctgggactgt	ttcgccctct	2340
cgctgctggc	tgtggctctg	ggcctgggtg	tgcccatgct	gcatcacctc	tgtggctggg	2400
acctctggtg	ctgcttccac	ctgtgcctgg	cctggcttcc	ctggcggggg	cggcaaagtg	2460
ggcgagatga	ggatgccctg	ccctacgatg	ccttcgtggt	cttcgacaaa	acgcagagcg	2520
cagtggcaga	ctgggtgtac	aacgagcttc	gggggcagct	ggaggagtgc	cgtgggcgct	2580
gggcactccg	cctgtgcctg	gaggaacgcg	actggctgcc	tggcaaaacc	ctctttgaga	2640
acctgtgggc	ctcggcttat	ggcagccgca	agacgctgtt	tgtgctggcc	cacacggacc	2700
gggtcagtgg	tctcttgctg	gccagcttcc	tgctggccca	gcagcgctctg	ctggaggacc	2760
gcaaggacgt	cgtgggtgctg	gtgatcctga	gccctgacgg	ccgccgctcc	cgctatgtgc	2820
ggctgcgcca	gcgcctctgc	cgccagagtg	tcctcctctg	gccccaccag	cccagtggctc	2880

3081.109-US-01.txt

agcgcagctt ctgggcccag ctgggcatgg ccctgaccag ggacaaccac cacttctata	2940
accggaactt ctgccaggga cccacggccg aatagccgtg agccggaatc ctgcacgggtg	3000
ccacctccac actcacctca cctctgcctg cctgggtctga cctccccctg ctcgcctccc	3060
tcaccccaca cctgacacag agcaggcact caataaatgc taccgaaggc	3110

<210> 5
 <211> 3868
 <212> DNA
 <213> Homo sapiens

<400> 5	
ggaggtcttg tttccggaag atgttgcaag gctgtggtga aggcagggtgc agcctagcct	60
cctgctcaag ctacaccctg gccctccacg catgaggccc tgcagaactc tggagatggt	120
gcctacaagg gcagaaaagg acaagtcggc agccgctgtc ctgagggcac cagctgtggt	180
gcaggagcca agacctgagg gtggaagtgt cctcttagaa tggggagtgc ccagcaagggt	240
gtacccgcta ctggtgctat ccagaattcc catctctccc tgctctctgc ctgagctctg	300
ggccttagct cctccctggg cttggtagag gacagggtgtg aggccctcat gggatgtagg	360
ctgtctgaga ggggagtgga aagaggaagg ggtgaaggag ctgtctgcca ttgactatg	420
caaatggcct ttgactcatg ggaccctgtc ctccctactg ggggcagggt ggagtggagg	480
gggagctact aggctggtat aaaaatctta cttcctctat tctctgagcc gctgctgccc	540
ctgtgggaag ggacctcgag tgtgaagcat ctttccctgt agctgctgtc cagtctgccc	600
gccagaccct ctggagaagc ccctgcccc cagcatgggt ttctgccga gcgccctgca	660
cccgtgtct ctctgtgtgc aggccatcat gctggccatg accctggccc tgggtacctt	720
gcctgccttc ctaccctgtg agctccagcc ccacggcctg gtgaactgca actggctggt	780
cctgaagtct gtgccccact tctccatggc agcaccctgt ggcaatgtca ccagcctttc	840
cttgtcctcc aaccgcatcc accacctcca tgattctgac ttgcccacc tgcccagcct	900
gcggcatctc aacctcaagt ggaactgccc gccggttggc ctgagcccca tgcacttccc	960
ctgccacatg accatcgagc ccagcacctt cttggctgtg cccaccctgg aagagctaaa	1020
cctgagctac aacaacatca tgactgtgcc tgcgctgccc aaatccctca tatccctgtc	1080
cctcagccat accaacatcc tgatgctaga ctctgccagc ctgcccggcc tgcctgccc	1140
gcgcttccta ttcattggacg gcaactgtta ttacaagaac ccctgcaggc aggcactgga	1200
ggtggccccg ggtgccctcc ttggcctggg caacctcacc cacctgtcac tcaagtacaa	1260
caacctcact gtggtgcccc gcaacctgcc ttccagcctg gagtatctgc tgttgccta	1320
caaccgcatc gtcaaactgg cgctgagga cctggccaat ctgaccgcc tgcgtgtgct	1380
cgatgtgggc ggaaattgcc gccgctgcca ccacgctccc aaccctgca tggagtggcc	1440
tcgtcacttc cccagctac atcccatac cttcagccac ctgagccgtc ttgaaggcct	1500
ggtgttgaag gacagttctc tctcctggct gaatgccagt tggttccgtg ggctgggaaa	1560

3081.109-US-01.txt

cctccgagtg	ctggaccta	gtgagaactt	cctctacaaa	tgcatcacta	aaaccaaggc	1620
cttccagggc	ctaacacagc	tgcgcaagct	taacctgtcc	ttcaattacc	aaaagagggt	1680
gtcctttgcc	cacctgtctc	tggccccctt	cttcgggagc	ctggtcgccc	tgaaggagct	1740
ggacatgcac	ggcatcttct	tccgctcact	cgatgagacc	acgctccggc	cactggcccc	1800
cctgcccata	ctccagactc	tgcgctctga	gatgaacttc	atcaaccagg	cccagctcgg	1860
catcttcagg	gccttccctg	gcctgcgcta	cgtggacctg	tcggacaacc	gcatcagcgg	1920
agcttcggag	ctgacagcca	ccatggggga	ggcagatgga	ggggagaagg	tctggctgca	1980
gcctggggac	cttgctccgg	ccccagtgga	cactcccagc	tctgaagact	tcaggcccaa	2040
ctgcagcacc	ctcaacttca	ccttggatct	gtcacggaac	aacctggtga	ccgtgcagcc	2100
ggagatgttt	gcccagctct	cgcacctgca	gtgcctgcgc	ctgagccaca	actgcatctc	2160
gcaggcagtc	aatggctccc	agttcctgcc	gctgaccggt	ctgcagggtg	tagacctgtc	2220
ccacaataag	ctggacctct	accacgagca	ctcattcacg	gagctaccac	gactggaggc	2280
cctggacctc	agctacaaca	gccagccctt	tggcatgcag	ggcgtggggc	acaacttcag	2340
cttcgtggct	cacctgcgca	ccctgcgcca	cctcagcctg	gcccacaaca	acatccacag	2400
ccaagtgtcc	cagcagctct	gcagtacgtc	gctgcggggc	ctggacttca	gcggaatgc	2460
actgggcat	atgtgggccc	aggagacct	ctatctgcac	ttcttccaag	gcctgagcgg	2520
tttgatctgg	ctggacttgt	cccagaaccg	cctgcacacc	ctcctgcccc	aaacctgcg	2580
caacctcccc	aagagcctac	agggtgctgc	tctccgtgac	aattacctgg	ccttctttaa	2640
gtggtggagc	ctccacttcc	tgcccaaact	ggaagtcctc	gacctggcag	gaaaccagct	2700
gaaggccctg	accaatggca	gcctgcctgc	tggcacccgg	ctccggaggc	tggatgtcag	2760
ctgcaacagc	atcagcttcg	tggcccccg	cttcttttcc	aaggccaagg	agctgcgaga	2820
gctcaacctt	agcgccaacg	ccctcaagac	agtggaccac	tcctggtttg	ggcccctggc	2880
gagtgccctg	caaatactag	atgtaagcgc	caacctctg	cactgcgcct	gtggggcggc	2940
ctttatggac	ttcctgctgg	agggtcaggc	tgccgtgccc	ggtctgcca	gccgggtgaa	3000
gtgtggcagt	ccgggcccag	tccagggcct	cagcatcttt	gcacaggacc	tgcgctctg	3060
cctggatgag	gcccctctct	gggactgttt	cgccctctcg	ctgctggctg	tggctctggg	3120
cctgggtgtg	cccatgctgc	atcacctctg	tggctgggac	ctctggtact	gcttccacct	3180
gtgcctggcc	tggcttccct	ggcggggggc	gcaaagtggg	cgagatgagg	atgccctgcc	3240
ctacgatgcc	ttcgtggtct	tcgacaaaac	gcagagcgca	gtggcagact	gggtgtacaa	3300
cgagcttcgg	gggcagctgg	aggagtgcgc	tgggcgctgg	gcactccgcc	tgtgcctgga	3360
ggaacgcgac	tggctgcctg	gcaaaaccct	ctttgagaac	ctgtgggcct	cggctctatg	3420
cagccgcaag	acgctgtttg	tgctggccca	cacggaccgg	gtcagtggtc	tcttgcgcg	3480
cagcttcctg	ctggcccagc	agcgctgct	ggaggaccgc	aaggacgtcg	tgggtgctgg	3540
gaccttgagc	cctgacggcc	gccgctccc	ctatgtgcgg	ctgcgcccag	gcctctgccg	3600

3081.109-US-01.txt

ccagagtgtc ctcctctggc cccaccagcc cagtgggtcag cgcagcttct gggcccagct	3660
gggcatggcc ctgaccaggg acaaccacca cttctataac cggaacttct gccagggacc	3720
cacggccgaa tagccgtgag ccggaatcct gcacgggtgcc acctccacac tcacctcacc	3780
tctgcctgcc tggcttgacc ctcccctgct cgcctccctc accccacacc tgacacagag	3840
caggcactca ataaatgcta ccgaaggc	3868

<210> 6
 <211> 26
 <212> DNA
 <213> Homo sapiens

<400> 6 agcatacaag caaatTTTTT acaccg	26
---	----

<210> 7
 <211> 24
 <212> DNA
 <213> Homo sapiens

<400> 7 gttctgttat tgacacccgc aatt	24
---------------------------------------	----

<210> 8
 <211> 24
 <212> DNA
 <213> Homo sapiens

<400> 8 ccttcctaataat aatcctgcgg atgt	24
--	----

<210> 9
 <211> 28
 <212> DNA
 <213> Homo sapiens

<400> 9 ctgaaggtag cattagtctt tgataacg	28
---	----